

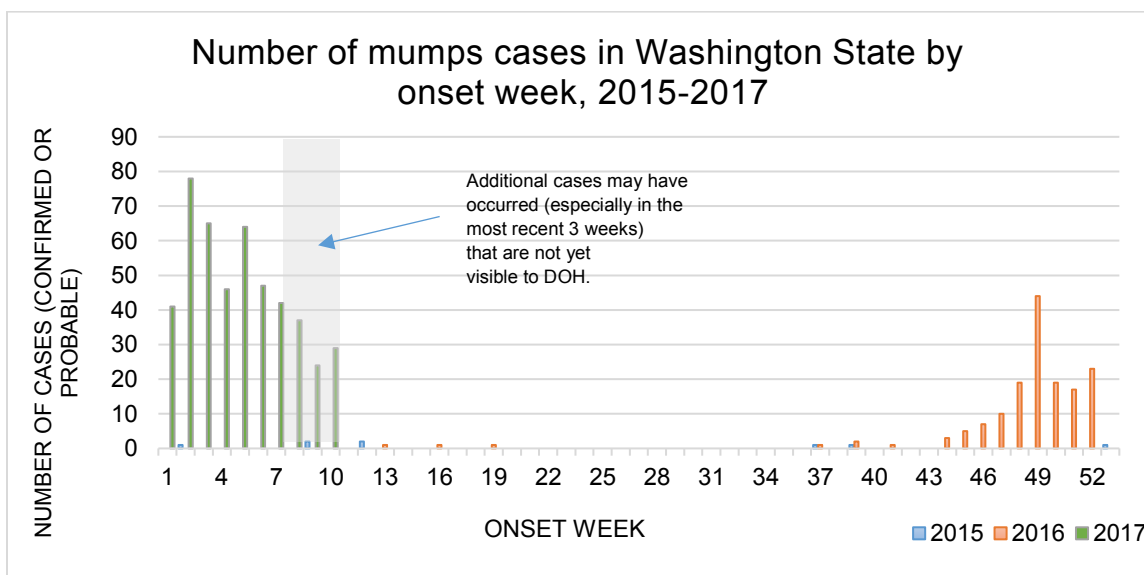
Weekly Mumps Outbreak Summary for Washington State

All data presented in this summary are provisional and may change as additional reports and information is received.

Comparison of all mumps cases reported 2015 through year-to-date 2017

(Where data entry delay impacts the comparison, week of symptom onset is used as a proxy for notification week)

- Twelve mumps cases were reported with onsets during the eleventh week of 2017 (which ended 3/18).
- Fifteen counties in WA have had mumps cases with onset dates during the first 11 weeks of 2017: Benton, Ferry, Franklin, Grant, Island, King, Okanogan, Pend Oreille, Pierce, Skagit, Snohomish, Spokane, Stevens, Thurston and Yakima. Only sporadic (non-outbreak) cases have occurred in Franklin and Island counties.
- A total of 473 confirmed and probable cases were reported statewide during weeks 1 – 11 of 2017.
- Nine WA counties received reports of mumps cases in 2016.
- A total of 155 confirmed and probable mumps cases were reported statewide in 2016.



Washington State Reported Mumps Cases by Year			
Year	No. of Cases	OFM Population*	Rate per 100,000 persons
2005	3	6,298,816	0.0
2006	42	6,420,258	0.7
2007	53	6,525,086	0.8
2008	14	6,608,245	0.2
2009	6	6,672,159	0.1
2010	7	6,724,540	0.1
2011	2	6,767,900	0.0
2012	2	6,817,770	0.0
2013	2	6,882,400	0.0
2014	9	6,968,170	0.1
2015	7	7,061,410	0.1
2016	155	7,183,700	2.2
2017 (YTD)	473	7,183,700	6.6

*2017 Population figures have not been released. 2016 is used as proxy.

Description of the current mumps outbreak (October 2016 – March 2017)

The first report of a case associated with the current mumps outbreak was received by a local health jurisdiction on November 15, 2016. Subsequent case investigations identified outbreak-related cases with earlier onsets. The earliest onset for any outbreak-related mumps case was on October 30, and the most recent onset for cases reported through week 11 occurred on March 9, 2017. The graph above shows current mumps activity in Washington State compared to baseline mumps reporting for the previous decade.

The following tables contain information about outbreak-related mumps cases reported to the Washington State Department of Health since November 15, 2016. (Non-outbreak cases have also occurred.)

- Cases are considered part of the outbreak if a link was identified between the person with mumps and another outbreak case or if the person with mumps was present at a site (e.g., school, workplace, church) where an outbreak case was known to have spent time while contagious for mumps.
- This summary includes confirmed and probable mumps cases

Table 1: Mumps outbreak cases (confirmed and probable) by county, October 2016 - March 2017			
County	2016 OFM population	No. of cases	Rate per 100,000 persons
Benton	190500	1	
Ferry	7700	3	39.0
Grant	94610	27	28.5
King	2105100	230	10.9
Okanogan	41730	2	4.8
Pend Oreille	13290	1	7.5
Pierce	844490	58	6.9
Skagit	122270	10	8.2
Snohomish	772860	27	3.5
Spokane	492530	279	56.6
Stevens	44100	1	2.3
Thurston	272690	3	1.1
Yakima	250900	3	1.2
Total		645	

Table 2: Confirmed and Probable Mumps Cases by Age Distribution, Onset October 2016 to March, 2017				
Age range	2016 OFM Population	No. of cases	Rate per 100,000 persons	% of cases by age group
0-4	447,766	22	4.9	3.4
5-9	460,218	88	19.1	13.6
10-13	357,113	121	33.9	18.8
14-18	451,362	168	37.2	26.0
19-24	576,172	82	14.2	12.7
25-44	1,919,495	136	7.1	21.1
45-64	1,898,237	26	1.4	4.0
65+	1,073,338	0	0.0	0.0
Unknown		2		0.3
	7,183,701	645	9.0	